

New York State Department of Transportation

Yellow Flag NB22CTW025

By: Rehan Afridi

Flag Date: July 26, 2022

Superseding Information:

No Flags Superseded

Structure Information

BIN: 1065318

Feature Carried: 278I278IX2M23027

Feature Crossed: 6TH AVENUE

Orientation: 8 - NORTHWEST

Region: 11 - NEW YORK CITY

County: KINGS

Political Unit: City of NEW YORK

Approximate Year Built: 1962

Posted Load Matches Inventory : Yes

Bridge Load Posting (Tons) : Not Posted for Load

Primary Owner: New York State Department of Transportation

Primary Maintenance Responsibility: 12 - State - Subcontracted to another Party

Typical or Main Span Type: 3 - Steel, 02 - Stringer/Multi-Beam or Girder

This Bridge is not a Ramp

Number of Spans: 322

Verbal Notification Information

Person Notified: Heinz Joachim, P.E.

Date: July 26, 2022 2:00:00 PM

Of: NYSDOT Region 11

Signature Information

Signature: Rehan Afridi, P.E. 075185

Date: August 03, 2022

Reviewed By: Robert Kemp

Date: August 03, 2022

Attachments: 6

Flagged Elements

Parent Element	Element	Total Quantity	Unit
Span Number : 225			
	113 - Steel Stringer	104	ft
	PR831 - Steel Beam End	42	each

Flagged Condition Description

This Yellow Flag No. NB22CTW025 is NEW.

Location: Span 225, Stringer S1 at Pier 225

Description: The left side connection angle at Stringer S1 in Span 225 at Pier 225 exhibits a full height thru vertical crack in the fillet of the connection angle. The right side connection angle exhibits no significant defects.

This is a NEW flag.

Notes:

1.Stringer S1 receives no direct live loading but supports the barrier/railing above on I278.

2.Stringer S1 web is in good condition with no significant defects. In addition, the bottom flange exhibits repair plates and is in good condition.

3.The adjacent Girder G1, spaced 2'-01" center to center, has a 6" long vertical crack in the left side connection angle. Yellow Flag No. NB22CTW026 has been issued for this condition in Girder G1.

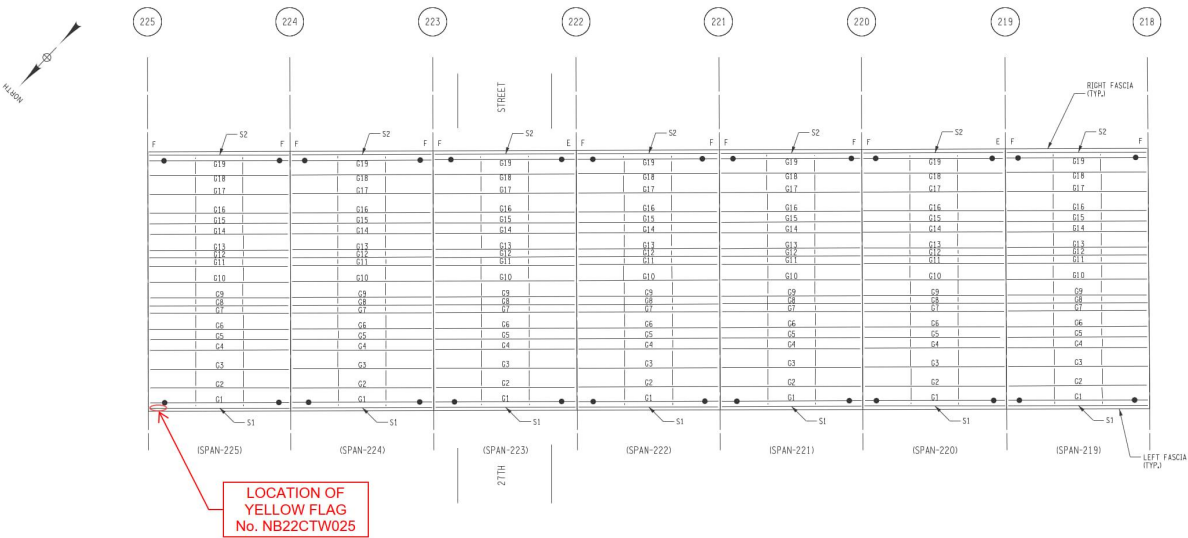
4.Stringer S1 at Pier 225 on the Span 226 side of the pier exhibits a full height crack at the left side guide angle (no flag issued).

5.A double left lane closure at 3rd Avenue Westbound between 26th and 27th Streets, and a 35' bucket truck are required to access this location.

Flag Photographs

Photo Number: 1

Photo Filename: Framing Plan.jpg



Attachment Description: Framing Plan - Span 225

Photo Number: 2

Photo Filename: Span 225 - S1 at P225_Sketch.jpg

Gowanus Expressway
2022 Biennial Inspection - Field Sketch

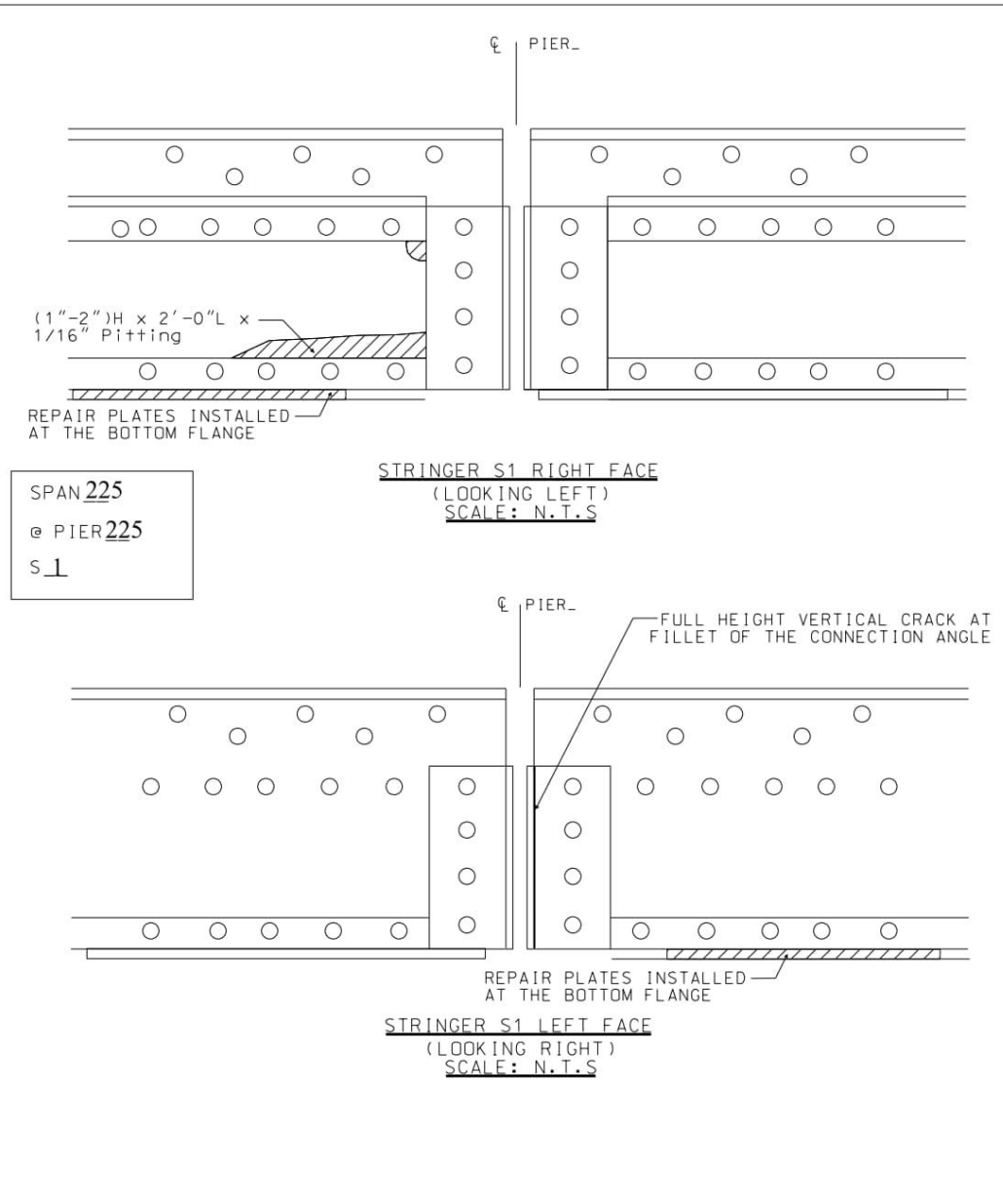
BIN: 1065318

Team: RA/MP

Date: 07/26/2022

Span: 225

Location: S1 @ Pier 225



wsp

Attachment Description: Yellow Flag Condition Sketch

Photo Number: 3

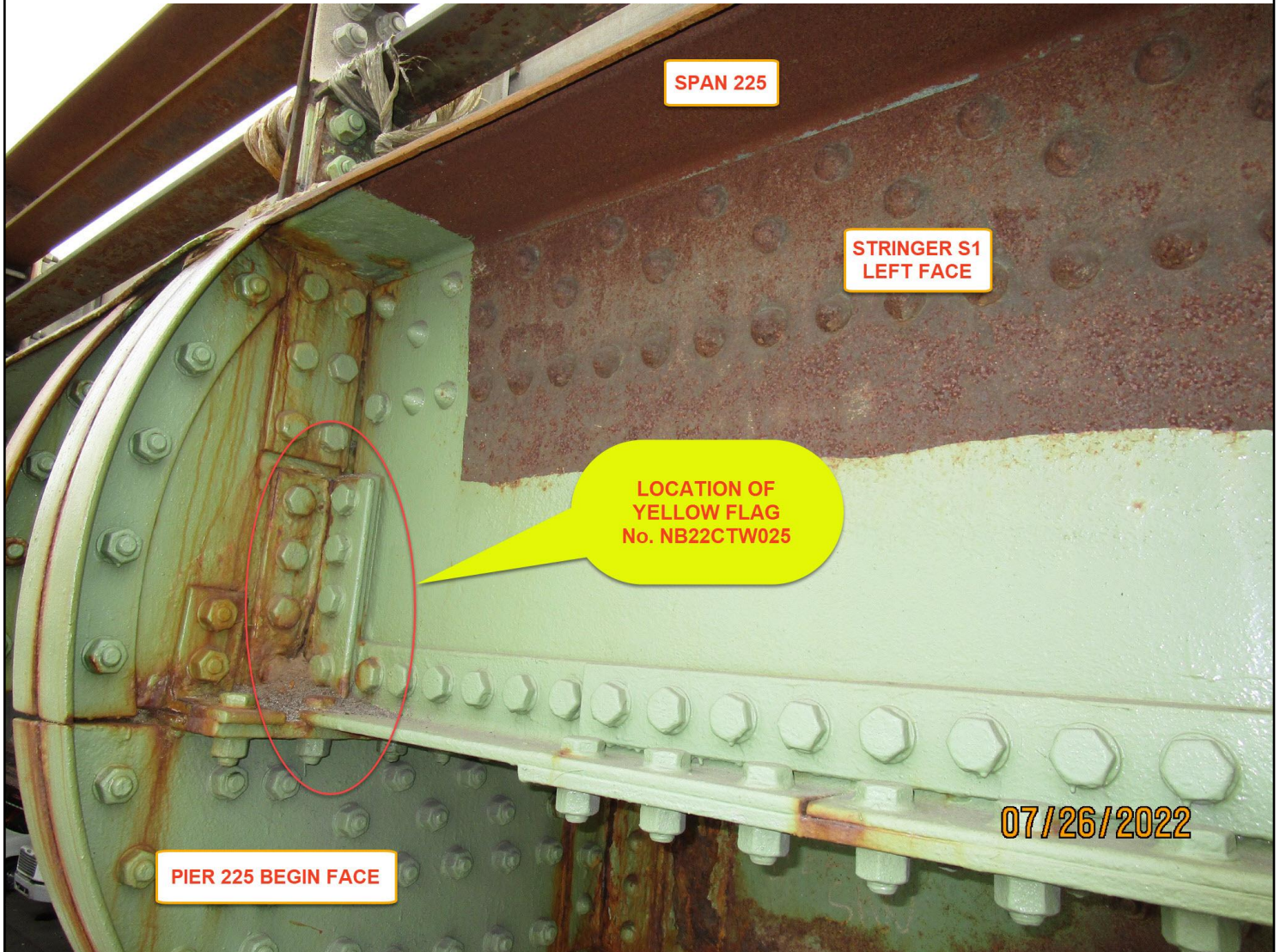
Photo Filename: Photo 1-RA 665_2906.jpg



Attachment Description: General view of the flagged condition at Span 225 Stringer S1 at Pier 225. Looking End.

Photo Number: 4

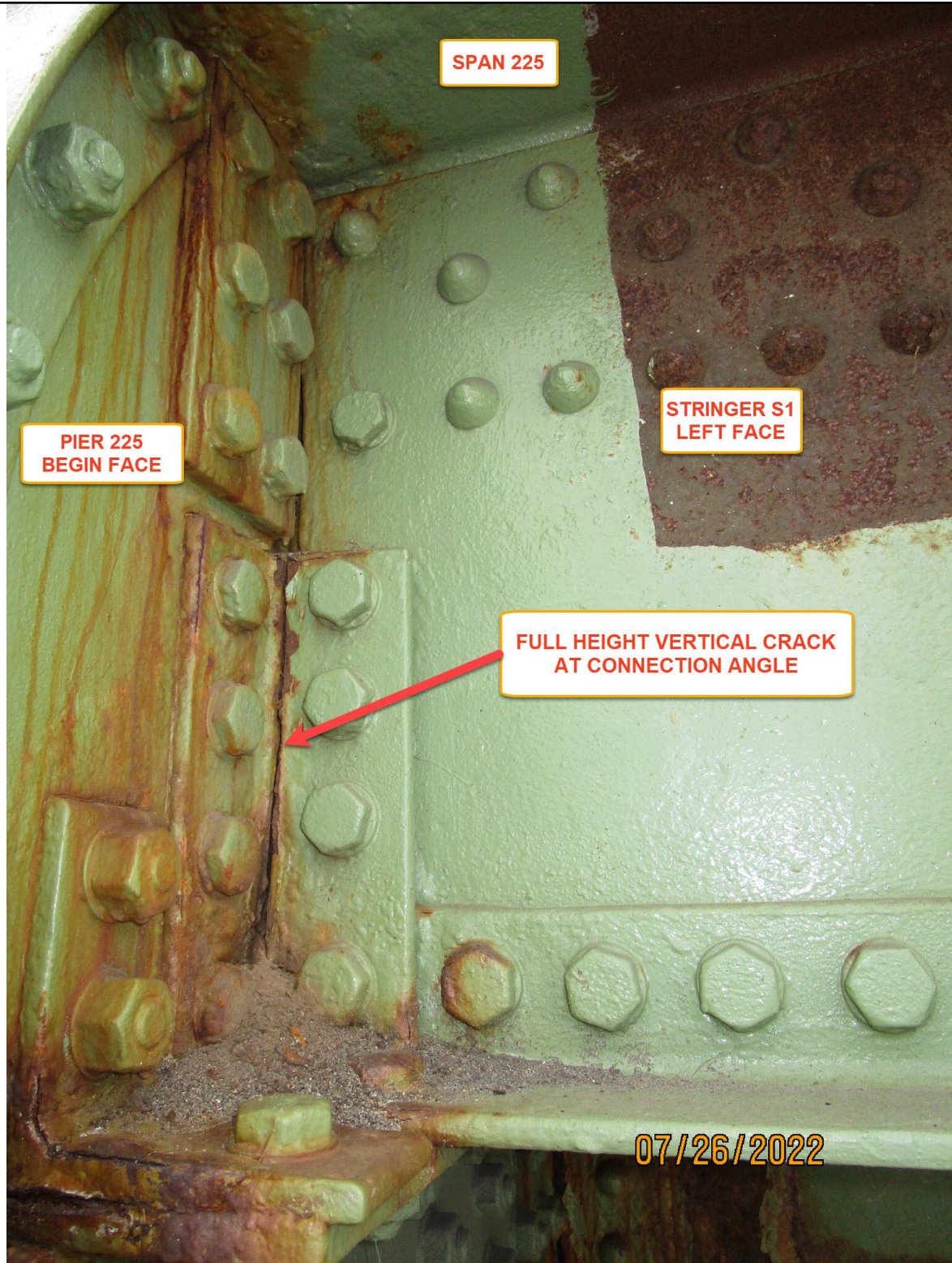
Photo Filename: Photo 2-RA 665_2881.jpg



Attachment Description: Close up general view of the flagged condition at Span 225 Stringer S1 at Pier 225. Looking End.

Photo Number: 5

Photo Filename: Photo 3-RA 665_2883.jpg



Attachment Description: The right side of Stringer S1 exhibits a full height crack at the connection angle. Looking End Right.

Photo Number: 6

Photo Filename: Photo 4-RA 665_2886.JPG



Attachment Description: Close up view of the full height crack at the left side connection angle. Looking End Right.